

B1

nucleic acid of any one of Claims 1-3, wherein said nucleic acid is integrated into the genome of said bacterium or plant by genetic transformation.

B2

~~19~~ ~~22~~. (Amended) A plant which has been regenerated from the plant cell of Claim 12, wherein said plant comprises said vector.

~~30~~ ~~33~~

(Twice Amended) A method of inducing or increasing production of gamma linolenic acid (GLA) in a bacteria or plant deficient [or lacking] in [or producing low levels of] GLA which comprises transforming said bacteria or plant with the vector of Claim 4.

B3

~~31~~ ~~34~~

(Twice Amended) A method of inducing or increasing production of gamma linolenic acid (GLA) in a bacteria or plant deficient [or lacking] in [or producing low levels of] GLA which comprises transforming said bacteria or plant with the vector of Claim 5.

~~32~~ ~~35~~

(Twice Amended) A method of inducing or increasing production of gamma linolenic acid (GLA) in a bacteria or plant deficient [or lacking] in [or producing low levels of] GLA which comprises transforming said bacteria or plant with the vector of Claim 6.

~~33~~ ~~47~~

(Amended) Progeny of the plant of claim ~~22~~¹⁹, wherein said progeny comprises said vector.

~~34~~ ~~48~~

(Amended) A plant which has been regenerated from the plant cell of Claim 13, wherein said plant comprises said vector.

~~35~~ ~~49~~

(Amended) A plant which has been regenerated from the plant cell of Claim 14, wherein said plant comprises said vector.

B4

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